



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 2209

SERIAL NUMBER 09/352,404	FILING DATE 07/14/1999  RULE	CLASS 375	GROUP ART UNIT 2631	ATTORNEY DOCKET NO. CUPO-20-2
-----------------------------	---------------------------------------	--------------	------------------------	-------------------------------------

## APPLICANTS

ROBERT LOUIS CUPO, EATONTOWN, NJ;

MUHAMMAD R. KARIM, WAYSIDE, NJ;

\*\* CONTINUING DATA

\*\*\*\*\* *none & b* \*\*\*\*\*

\*\* FOREIGN APPLICATIONS

\*\*\*\*\* *none & b* \*\*\*\*\*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 08/13/1999

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY NJ	SHEETS DRAWING 4	TOTAL CLAIMS 21	INDEPENDENT CLAIMS 3
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance <i>K/B</i>				
Verified and Acknowledged	Examiner's Signature	Initials		

## ADDRESS

CHRISTOHER A HUGHES  
 MORGAN AND FINNEGAN  
 345 PARK AVENUE  
 NEW YORK, NY  
 10154

## TITLE

IN-BAND-ON-CHANNEL (IBOC) SYSTEM AND METHODS OF OPERATION USING ORTHOGONAL  
 FREQUENCY DIVISION MULTIPLEXING (OFDM) WITH TIMING AND FREQUENCY OFFSET CORRECTION

FILING FEE  RECEIVED 1078	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
		<input type="checkbox"/> 1.18 Fees ( Issue )
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit